BOSS BF-2B Bass Flanger

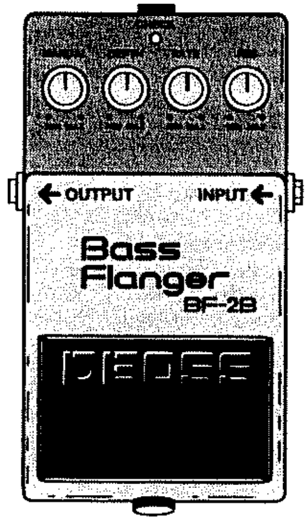
INSTRUCTIONS

Please read the instructions carefully for proper operation.

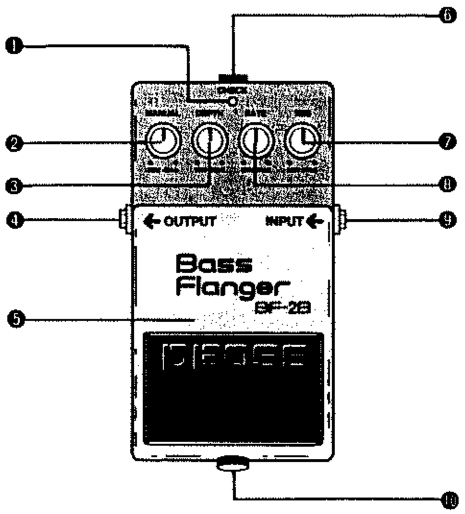
- The BOSS Bass Flanger BF-2B is designed specially for a bass guitar, giving you the best result when used with a bass guitar.

- Using the four controls; Manual, Depth, Rate and Resonance, various flanging effects can be created.

- By setting the Depth to MIN, a short delay like effect can be obtained.



■ PANEL DESCRIPTION



❶ CHECK INDICATOR
By the LED indicator, you can see whether the effect is on or off. This indicator also serves as battery check.
* If the indicator fails to light or lights but only dimly, replace the battery with a new one.

❷ MANUAL KNOB
This knob sets the center frequency of the flanging effect. Rotating it clockwise increases the frequency and counterclockwise rotation gives the opposite result.

❸ DEPTH KNOB
This knob sets the maximum range of the flanging frequency altered from that set with the Manual Knob ❷. Rotating the knob clockwise widens the range and the counterclockwise rotation gives the opposite result.

❹ OUTPUT JACK
Connect an amplifier or other effect to this jack.

❺ PEDAL SWITCH
This turns on or off the effect.
* Adopting the FET switching system, this Pedal Switch is free from the click noise, therefore, even more successful live performance and studio recording are made possible.

❻ AC ADAPTOR JACK
This is to connect the AC adaptor (BOSS ACA-120, 220 or 240).
* AC operation allows long and secured performance.

❼ RESONANCE KNOB
This adjusts the amount of the feedback. Rotating the knob clockwise emphasizes the flanging effect and counterclockwise rotation gives the opposite result.
* As you rotate the knob clockwise, the unit may start oscillating.

❽ RATE KNOB
This adjusts the rate of the flanging effect. Rotating it clockwise quickens the effect, and counterclockwise rotation gives the opposite result.

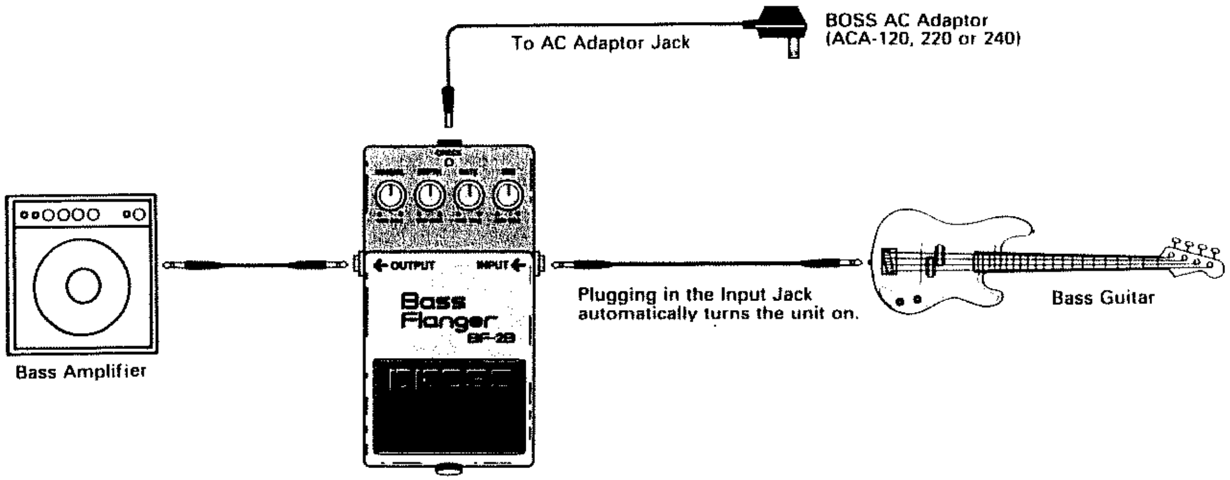
❾ INPUT JACK
To this jack, connect an electric or electronic musical instrument such as a bass guitar.
* The unit is turned on when the plug is connected to the Input Jack. So, when the unit is not to be used, disconnect the connection cord from the Input Jack.

❿ THUMB SCREW
Loosen this screw when replacing the battery.
* Do not remove the screw from the Pedal.

■ IMPORTANT NOTES

- Use only the BOSS AC adaptor ACA 120, 220 or 240 depending on the voltage system in your country.
- Do not use this unit in extreme heat, humidity, or where it may be affected by dust.

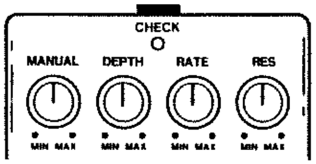
■ CONNECTIONS



When the unit is not to be used, disconnect the connection cord from the Input Jack.

■ OPERATION

1



After making all the necessary connections, set the knobs as shown in the picture.

2



Press the Pedal Switch down, and make sure that the indicator ❶ lights up (effect is on).

* If the indicator fails to light up or lights only dimly, replace the battery with a new one.

3



Set the rate of the flanging effect with the Rate Knob ❻.

4



Set the maximum range of the flanging effect with the Depth Knob ❸.

5



Set the center frequency of the flanging effect with the Manual Knob ❿.

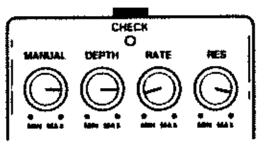
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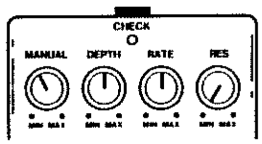
Set the Resonance Knob ❼ to an appropriate position.

Setting Examples

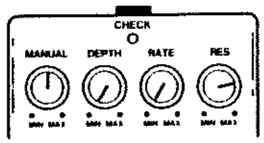
‹Strong Flanging›



‹Chorus›



‹Fixed Flanging›



■ BATTERY REPLACEMENT

USE 9V BATTERY

① Loosen the Thumb Screw and open the Pedal.

② Take out the battery from the Battery Housing and pull up the Battery Snap Cord.

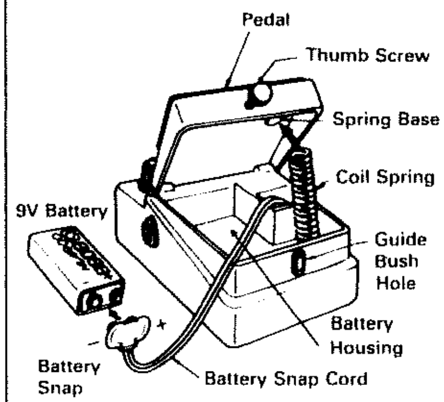
③ Connect a new battery to the Battery Snap Cord and replace it to the Battery Housing.

* Be sure that the Battery Snap Cord is securely pushed in.

④ Put the Coil Spring to the Spring Base and close the Pedal.

* Make sure that the Battery Snap Cord is not caught in the Pedal or Coil Spring.

⑤ Firmly tighten the screw.

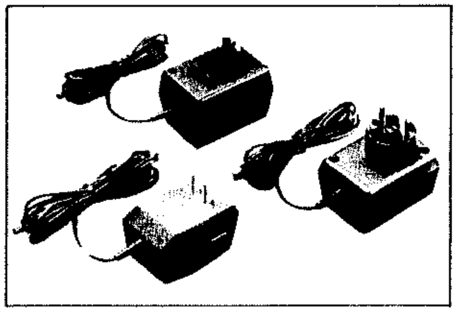


■ PRECAUTIONS

- When the unit is not to be used for a long period, remove the battery to prevent the trouble caused by the battery leakage.
- If the battery voltage drops, effect becomes inferior or no sound is produced. To prevent this, replace the battery.
- Be sure to keep the battery securely connected even while using the AC adaptor, and the unit will continue to operate even if the AC adaptor cord comes out during performance.
- Unplug the cord from the Input Jack when the unit is not in use, to avoid wasting the battery.

AC ADAPTOR

Please be sure to use the BOSS ACA-120, 220 or 240 depending on the voltage system in your country. Using any other adaptor will cause malfunction or even breakdown.



BOSS ACA-120, 220 or 240 (Optional)

RADIO AND TELEVISION INTERFERENCE

"**Warning** – This equipment has been verified to comply with the limits for a Class B computing device, pursuant to Subpart J, of Part 15, of FCC rules. Operation with non-certified or non-verified equipment is likely to result in interference to radio and TV reception."

The equipment described in this manual generates and uses radio-frequency energy. If it is not installed and used properly, that is, in strict accordance with our instructions, it may cause interference with radio and television reception.

This equipment has been tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J, of Part 15, of FCC Rules. These rules are designed to provide reasonable protection against such a interference in a residential installation. However, there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by the following measure:

- Disconnect other devices and their input/output cables one at a time. If the interference stops, it is caused by either the other device or its I/O cable.

These devices usually require Roland designated shielded I/O cables. For Roland devices, you can obtain the proper shielded cable from your dealer. For non Roland devices, contact the manufacturer or dealer for assistance.

If your equipment does cause interference to radio or television reception, you can try to correct the interference by using one or more of the following measures:

- Turn the TV or radio antenna until the interferences stops.
- Move the equipment to one side or the other of the TV or radio.
- Move the equipment farther away from the TV or radio.
- Plug the equipment into an outlet that is on a different circuit than the TV or radio. (That is, make certain the equipment and the radio or television set are on circuits controlled by different circuit breakers or fuses.)
- Consider installing a rooftop television antenna with coaxial cable lead-in between the antenna and TV.

If necessary, you should consult your dealer or an experienced radio/television technician for additional suggestions. You may find helpful the following booklet prepared by the Federal Communications Commision:

"How to Identify and Resolve Radio-TV Interference Problems"

This booklet is available from the U.S. Government Printing Office, Washington, D.C., 20402, Stock No. 004-000-00345-4.

Bescheinigung des Herstellers/Importeurs

Hiermit wird bescheinigt, daß der/die/das

BASS FLANGER BF-2B

(Gerät, Typ, Bezeichnung)

in Übereinstimmung mit den Bestimmungen der

Amtsbl. Vfg 1046 / 1984

(Amtsblattverfügung)

funk-enstört ist.

Der Deutschen Bundespost wurde das Inverkehrbringen dieses Gerätes angezeigt und die Berechtigung zur Überprüfung der Serie auf Einhaltung der Bestimmungen eingeräumt.

Roland Corporation Osaka/Japan

Name des Herstellers/Importeurs

■ SPECIFICATIONS

Power	9VDC 006P (×1), AC Adaptor (ACA-120, 220 or 240)
Current Draw	14mA (9VDC)
Controls	Manual, Rate, Depth, Resonance
Switch	Effect On/Off
Indicator	Effect On/Off (=Battery Check)
Jacks	Input, Output, AC Adaptor
Residual Noise	Less than −100dBm (IHF-A)
Delay Time	0.5ms to 6.5ms
LFO Rate	100ms to 16s
Residual Noise	−95dBm (IHF-A)
Input Impedance	470kΩ
Output Load Impedance	More than 10kΩ
Dimensions	70(W) × 55(H) × 125(D) mm 2¾" × 2¼" × 5"
Weight	400g/14oz

* Specifications are subject to change without notice.

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Products of Roland

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